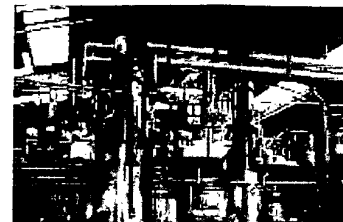


Esters

_____EROL PEG: Polyethylene glycol fatty acid esters

_____Mono and diesters of various fatty acids. They offer graduated hydrophilic
 _____to lipophilic surface active properties, which make them useful as primary
 _____and secondary non-ionic surfactants. Their high stability makes them
 _____appropriate to wide operating conditions.

_____Next to their emulsifying properties, EROL PEG esters
 _____are excellent solubilizers for oil additives,
 _____thickening agents for aqueous products, and
 _____help the rinsability of anhydrous
 _____formulations... The low molecular weight
 _____mapeg esters, oil soluble, are excellent
 _____surfactants for non-aqueous products. They
 _____improve stability, wetting, avoid foaming,
 _____and help to achieve the right viscosity.
 _____The most widely used products are
 _____EROL PEG 200, 400 and 600.



_____Another important characteristic of the products is their low toxicity,
 _____and non-irritating properties. The available HLB range from 1,4 to 19,
 _____which allows to use them for both oil-in-water and water-in-oil emulsions.

Product Name	Viscosity (cps @ 25°C)	HLB Value	Description
EROL PEG 200 MO	80	8,3	PEG 200 Monooleate - Water dispersible
EROL PEG 200 DO	80	6	PEG 200 Dioleate
EROL PEG 400 MO	115	11,8	PEG 400 Monooleate - Water dispersible
EROL PEG 400 DO	110	8,8	PEG 400 Dioleate - Water dispersible
EROL PEG 600 MO	170	13,6	PEG 600 Monooleate
EROL PEG 600 DO	160	10,3	PEG 600 Dioleate - Water dispersible
EROL PEG 200 MOT	85	8,3	PEG 200 Monotallate - Water dispersible
EROL PEG 200 DOT	80	6	PEG 200 Ditallate - Water dispersible
EROL PEG 400 MOT	130	11,8	PEG 400 Monotallate - Water dispersible
EROL PEG 400 DOT	110	8,8	PEG 400 Ditallate - Water dispersible
EROL PEG 600 MOT	175	13,6	PEG 600 Monotallate
EROL PEG 600 DOT	165	10,3	PEG 600 Ditallate - Water dispersible
EROL PEG 400 MS	Solide	11,5	PEG 400 Monostearate - Water dispersible Hot
EROL PEG 400 DS	Solide	8,1	PEG 400 Distearate - Water dispersible Hot
EROL PEG 600 MS	Solide	13,6	PEG 600 Monostearate
EROL PEG 600 DS	Solide	10,6	PEG 600 Distearate - Water dispersible Hot

_____Other types of esters are also available (PolyPropylene glycol, polyols...), and can
 _____be made on request. We propose a wide range of Ethylen and Propylen oxides on different
 _____fatty acids and alcohols :

- Stearic acid
- Oleic acid
- Tallow fatty acids
- Pentaerythritol
- Sorbitol
- Glycerol

We also produce Phosphate Esters for textile, metal working...

66455-14-9	Alcohols, C12-13, ethoxylated	3
68439-50-9	Alcohols, C12-14, ethoxylated	3
68439-51-0	Alcohols, C12-14, ethoxylated propoxylated	3
68131-39-5	Alcohols, C12-15, ethoxylated	3
68551-13-3	Alcohols, C12-15, ethoxylated propoxylated	3
68551-12-2	Alcohols, C12-16, ethoxylated	3
68213-23-0	Alcohols, C12-18, ethoxylated	3
68526-94-3	Alcohols, C12-20, ethoxylated	3
68951-67-7	Alcohols, C14-15, ethoxylated	3
67762-27-0	Alcohols, C16-18	3
68439-49-6	Alcohols, C16-18, ethoxylated	3
68002-96-0	Alcohols, C16-18, ethoxylated propoxylated	3
68987-81-5	Alcohols, C6-10, ethoxylated propoxylated	3
68603-15-6	Alcohols, C6-12	3
68439-45-2	Alcohols, C6-12, ethoxylated	3
	Alcohols, C8-15, ethoxylated propoxylated	3
71243-46-4	Alcohols, C8-16, ethoxylated	3
69013-18-9	Alcohols, C8-18, ethoxylated propoxylated	3
68439-46-3	Alcohols, C9-11, ethoxylated	3
8027-33-6	Alcohols, lanolin	3
61791-28-4	Alcohols, tallow, ethoxylated	3
9049-05-2	Algin gum	3
9005-32-7	Alginic acid	3
68551-18-8	Alkanes, C10-14-iso-	3
68551-19-9	Alkanes, C12-14-iso-	3
68439-56-5	Alkenes, C13-18 alpha-, sulfonated, sodium salts	3
68439-57-6	Alkenes, C14-16 alpha-, sulfonated, sodium salts	3
63148-69-6	Alkyd resins (alcohols, polyhydric, polyesters)	3
70206-24-5	Alkyl imidazolinium methyl sulfate (derived from oleic acid)	3
68122-86-1	Alkyl imidazolinium methyl sulfates (derived from tallow acids)	3
	Alkyl(C10-14) poly(oxyethylene)poly(oxypropylene) condensate with monostearyl acid phosphate	3
68585-36-4	Alkyl(C10-14)oxypoly(ethyleneoxy)ethyl phosphate	3
70592-80-2	Alkyl(C10-16) dimethylamine oxide	3
	Alkyl(C11-15) phenoxypoly(oxyethylene)ethanol	3
68439-70-3	Alkyl(C12-16) dimethylamine oxide	3
68955-55-5	Alkyl(C12-18) dimethyl amine oxide	3
37281-47-3	Alkyl(C8-10) polyethoxypolypropoxybenzene ether	3
97-59-6	Allantoin	3
107-18-6	Allyl alcohol	3
8001-97-6	Aloe vera gel	3
1327-43-1	Aluminum - magnesium silicate	3
7429-90-5	Aluminum (metal)	3
300-92-5	Aluminum hydroxide distearate	3
6028-57-5	Aluminum octanoate	3
12141-46-7	Aluminum oxide silicate	3
1335-30-4	Aluminum silicate, hydrated	3
68140-00-1	Amides, coco, N-(hydroxyethyl)-	3
68603-42-9	Amides, coco, N,N-bis(2-hydroxyethyl)	3